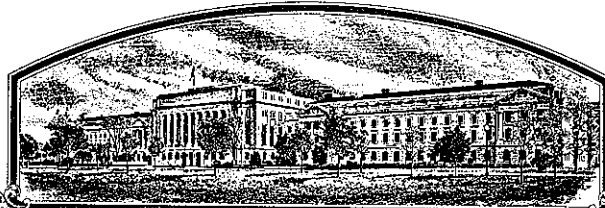


No.

8200153



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Terral-Norris Seed Co.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF *eighteen* YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. IN THE UNITED STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS SPECIFIED BY THE OWNER OF THE RIGHTS. (34 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

SOYBEAN

'Terra-Vig 505'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington this 29th day of September in the year of our Lord one thousand nine hundred and eighty-three.

Attest:

Kenneth Howard
Commissioner
Plant Variety Protection Office
Grain Division
Agricultural Marketing Service

John R. Block

Secretary of Agriculture

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, POULTRY, GRAIN & SEED DIVISION

FORM APPROVED
OMB NO. 40-R3822

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

INSTRUCTIONS: See Reverse.

No certificate for plant variety protection may be issued unless a completed application form has been received (5 U.S.C. 553).

1a. TEMPORARY DESIGNATION OF VARIETY		1b. VARIETY NAME Terra-Vig 505		FOR OFFICIAL USE ONLY PV NUMBER 8200153	
2. KIND NAME Soybean		3. GENUS AND SPECIES NAME Glycine max		FILING DATE 8/16/82	TIME A.M. 11:30 P.M.
4. FAMILY NAME (BOTANICAL) Leguminosae		5. DATE OF DETERMINATION March, 1981		FEE RECEIVED \$ 500.00 \$ 250.00	DATE 8/16/82 7/15/83
6. NAME OF APPLICANT(S) Coker's Pedigreed Seed Co.		7. ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code) P.O. Box 340 Hartsville, S.C. 29550		8. TELEPHONE AREA CODE AND NUMBER 803-332-8154	
9. IF THE NAMED APPLICANT IS NOT A PERSON, FORM OF ORGANIZATION: (Corporation, partnership, association, etc.) Corporation			10. IF INCORPORATED, GIVE STATE AND DATE OF INCORPORATION South Carolina		11. DATE OF INCORPORATION June 12, 1918
12. NAME AND MAILING ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS: Joshua J. Stanton Coker's Pedigreed Seed Company P.O. Box 340, Hartsville, S.C. 29550					
13. CHECK BOX BELOW FOR EACH ATTACHMENT SUBMITTED:					
<input checked="" type="checkbox"/> 13A. Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.)					
<input checked="" type="checkbox"/> 13B. Exhibit B, Novelty Statement.					
<input checked="" type="checkbox"/> 13C. Exhibit C, Objective Description of the Variety (Request form from Plant Variety Protection Office.)					
<input checked="" type="checkbox"/> 13D. Exhibit D, Additional Description of the Variety.					
14a. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? (See Section 83(a). (If "Yes," answer 14B and 14C below.) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					
14b. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			14c. IF "YES," TO 14B, HOW MANY GENERATIONS OF PRODUCTION BEYOND BREEDER SEED? <input checked="" type="checkbox"/> FOUNDATION <input checked="" type="checkbox"/> REGISTERED <input checked="" type="checkbox"/> CERTIFIED		
15a. DID THE APPLICANT(S) FILE FOR PROTECTION OF THIS VARIETY IN OTHER COUNTRIES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If "Yes," give name of countries and dates.)					
15b. HAVE RIGHTS BEEN GRANTED THIS VARIETY IN OTHER COUNTRIES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If "Yes," give name of countries and dates.)					

16. DOES THE APPLICANT(S) AGREE TO THE PUBLICATION OF HIS/HER (THEIR) NAME(S) AND ADDRESS IN THE OFFICIAL JOURNAL? ☒ YES ☐ NO

17. The applicant(s) declare(s) that a viable sample of basic seed of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.

The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Act.

Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

7/9/82
(DATE)

E. Joe Dahmer
(SIGNATURE OF APPLICANT)

E. Joe Dahmer

(SIGNATURE OF APPLICANT)

INSTRUCTIONS

GENERAL: Send an original copy of the application and exhibits, at least 2,500 viable seeds, and \$500 fee (\$250 filing fee and \$250 examination fee) to U.S. Dept. of Agriculture, Agricultural Marketing Service, Livestock, Poultry, Grain and Seed Division, Plant Variety Protection Office, National Agricultural Library Building, Beltsville, Maryland 20705. (See section 180.175 of the Regulations and Rules of Practice.) Retain one copy for your files. All items on the face of the form are self-explanatory unless noted below.

ITEM

- 5 Give the date the applicant determined that he had a new variety based on (1) the definition in section 41(a) of the Act and (2) the date a decision was made to increase the seed.
- 13a Give: (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method; (2) the details of subsequent stages of selection and multiplication; (3) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified and (4) evidence of uniformity and stability.
- 13b Give a summary statement of the variety's novelty. Clearly state how this novel variety may be distinguished from all other varieties in the same crop. If the new variety most closely resembles one or a group of related varieties: (1) identify these varieties and state all differences objectively; (2) attach statistical data for characters expressed numerically and demonstrate that these differences are significant; and (3) submit, if helpful, seed and plant specimens or photographs of seed and plant comparisons clearly indicating novelty.
- 13c Fill in the Exhibit C, Objective Description form, for all characteristics for which you have adequate data.
- 13d Describe any additional characteristics that are not described, or whose description cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the description of characteristics that are difficult to describe, such as, plant habit, plant color, disease resistance, etc.
- 14a If "YES" is specified (seed of this variety be sold by variety name only as a class of certified seed) the applicant may NOT reverse his affirmative decision after the variety has either been sold and so labeled, his decision published, or the certificate has been issued. However, if the applicant specified "NO," he may change his choice. (See section 180.16 of the Regulations and Rules of Practice.)
- 15a See section 42 of the Plant Variety Protection Act and section 180.7 of the Regulations and Rules of Practice.



13A. EXHIBIT A, ORIGIN AND BREEDING HISTORY OF VARIETY REVISED 11/23/82

TERRA-VIG 505 SOYBEANS

<u>Year</u>	<u>Gen.</u>	<u>Activity</u>
1967		Cross: Dare x R64-502
1968	F ₁	Grown in Field
1969	F ₂	Early Gen. Rows 506-515. 1 pod per plant harvested
1970	F ₃	Bulk of F ₂ seed planted in F ₃ 313-324. 1 pod per plant harvested.
1971	F ₄	F ₄ (Space-Planted) bulks from F ₃ pods. Plants selected.
1972	F ₅	Progeny Row 1268
1973	F ₆	Advanced Progeny 139
1974	F ₇	Assigned breeding No. Coker 74-647. Replicated yield trials.
1975	F ₈	Replicated yield trials- Hartsville, S.C. and Tunica, Miss.
1976	F ₉	Further company testing; Plants selected
1977	F ₁₀	Private testing in Arkansas, Louisiana, and Missouri. Five Progeny rows selected and bulked.
1978	F ₁₁	Assigned breeding No. 78-440: One half acre grown.
1979	F ₁₂	Breeder seed produced
1980	F ₁₃	Foundation seed produced
1981	F ₁₄	Registered seed produced
1982	F ₁₅	Registered and Certified seed sold.

Variants: Occasional environmentally influenced black hila: Commercially acceptable and predictable, see exhibit D.

Evidence of Stability: Plants and seed have been observed for 10 generations since the initial selection, and have remained stable.

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13B. EXHIBIT B, NOVELTY STATEMENT

TERRA-VIG 505 SOYBEANS

Revised 11/02/82

Terra-Vig 505 soybeans are most similar to Forrest. Comparisons with Forrest are as follows:

	<u>Terra-Vig 505</u>	<u>Forrest</u>
1. Phytophthora Root Rot Races 1 and 2, seedling reaction	Resistant	Susceptible
2. Cyst nematode, races 1 and 3	Susceptible	Resistant
3. Hilum color	Gray	Black
4. Flower color	Purple	White
5. Reaction to Metribuzin herbicide	Sensitive	Tolerant

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13D. EXHIBIT D, ADDITIONAL DESCRIPTION OF VARIETY, REVISED 11/2/82

TERRA-VIG 505 SOYBEANS

Hilum color of Terra-Vig 505 soybeans is gray, with environmentally influenced black variants. Since the frequency of environmentally influenced variants is difficult to determine, the frequency of the black variants cannot be precisely stated. Individual plants have been observed to produce seed with all gray hila except for one or two pods which contained seed with dark black hila.

Analyses performed at the Seed Standardization Branch of USDA at Beltsville indicate that Terra-Vig 505 has the following reaction:

Peroxidase: Negative

Protein: B

Urease: Fast

Dehydrogenase: 2 Bands

Esterase: Light



P.O. BOX 340
HARTSVILLE, S.C. 29550 U.S.A.

PHONE: 803-332-8151
CABLE: CPSCO TELEX 573-343

July 12, 1983

RECEIVED

JUL 15 1983



Mr. Kenneth H. Evans, Commissioner
Plant Variety Protection Office
National Agricultural Library Building
Beltsville, Maryland 20705

Dear Mr. Evans:

Enclosed is a check for the \$250 certificate fee for Terra-Vig 505 soybeans, No.8200153, and the certificate order form.

Please note that this variety has been assigned to Terral-Norris Seed Company, Lake Providence, Louisiana, and that the certificate should be in their name. Mr. Thomas Terral should receive the certificate and further mail regarding Terra-Vig 505.

Sincerely,

J.J. Stanton
Director
Soybean Research

cc: Mr. Thomas Terral

JJS/bc



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